



Joint IMPRS-QD / IMPRS-PTFS Symposium on Quantum Dynamics and Fundamental Physics

Thursday, 17 July 2025

Otto Hahn lecture hall (library building)
Max Planck Institute for Nuclear Physics (MPIK)

Program	
10:30 – 11:15	Registration and reception
11:15 – 11:20	Honorarprofessor Dr. Christoph H. Keitel IMPRS-QD Spokesperson, MPI for Nuclear Physics <i>Welcome</i>
11:20 – 12:30	Professor Dr. Wim Ubachs Vrije Universiteit Amsterdam, The Netherlands <i>"Molecular hydrogen at the heart of physics"</i> Chair: Professor Dr. Klaus Blaum IMPRS-PTFS Spokesperson, MPI for Nuclear Physics
12:30 – 13:30	<i>Lunch at the EMBL canteen</i>
13:30 – 13:50	Raghav Pandey Heidelberg University <i>"Laying the foundation for neutrino mass determination using Ho-163"</i> Chair: PD Dr. Werner Rodejohann IMPRS-PTFS Coordinator, MPI for Nuclear Physics
13:50 – 14:10	Lina Hedewig MPI for Nuclear Physics <i>"State-resolved femtosecond phase control in dense-gas laser-atom interaction enabled by attosecond XUV interferometry"</i> Chair: apl. Professor Dr. Jörg Evers IMPRS-QD Coordinator, MPI for Nuclear Physics
14:10 – 14:30	<i>Short break</i>
14:30 – 16:00	IMPRS students <i>Poster session</i>